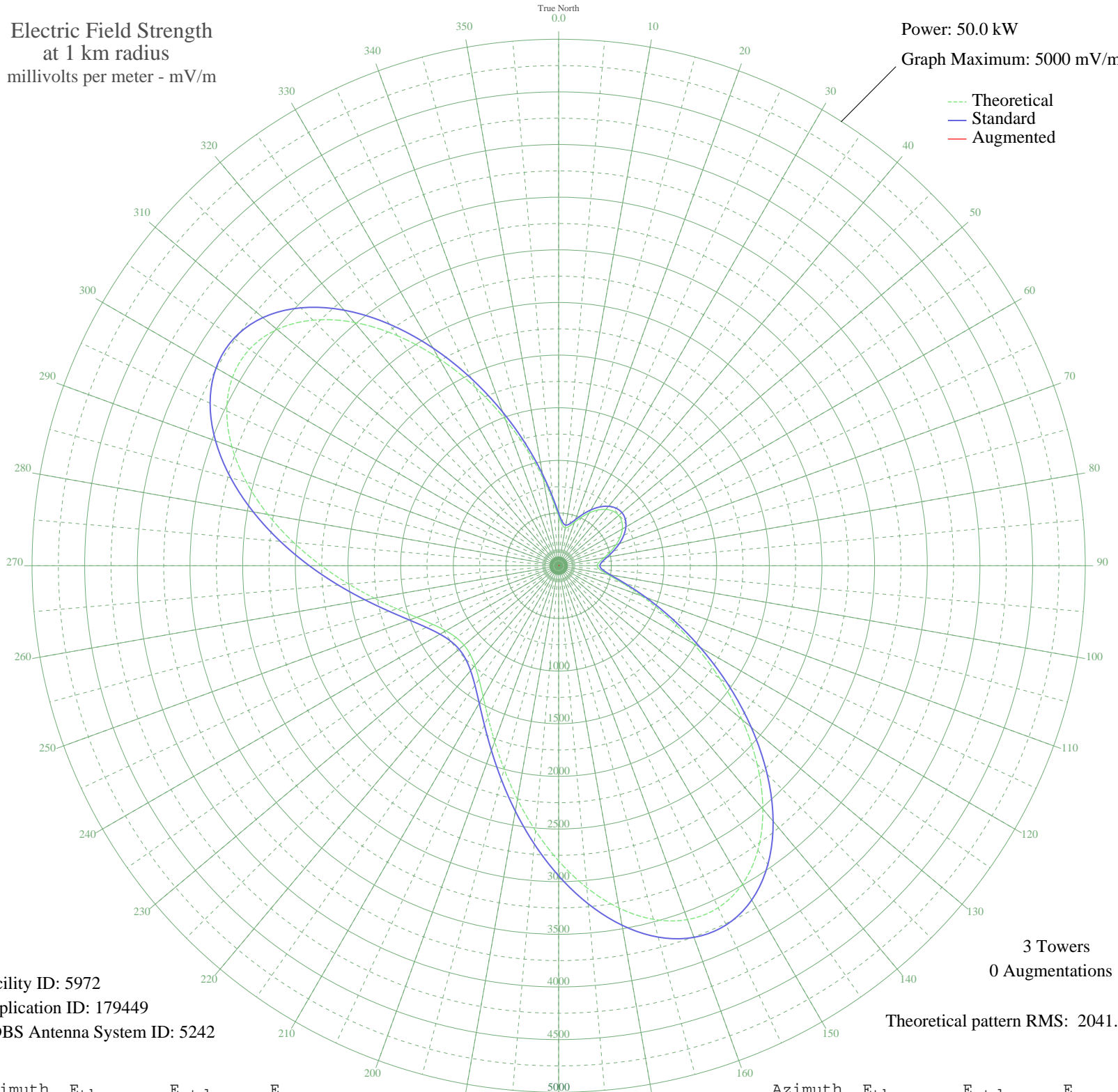


# WFGW BLACK MOUNTAIN, NC BL-19921202AB 1010 kHz

Daytime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 5972  
Application ID: 179449  
CDBS Antenna System ID: 5242

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 2041.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	470.59	499.67	
5	389.69	415.86	
10	366.21	391.62	
15	387.20	413.28	
20	438.54	466.41	
25	506.49	536.97	
30	578.78	612.24	
35	645.26	681.58	
40	698.13	736.79	
45	731.97	772.15	
50	743.60	784.30	
55	731.97	772.15	
60	698.13	736.79	
65	645.26	681.58	
70	578.78	612.24	
75	506.49	536.97	
80	438.54	466.41	
85	387.20	413.28	
90	366.21	391.62	
95	389.69	415.86	
100	470.59	499.67	
105	618.71	653.87	
110	838.68	883.74	
115	1128.22	1186.95	
120	1477.03	1552.66	
125	1866.87	1961.61	
130	2272.80	2387.59	
135	2665.82	2800.09	
140	3016.31	3168.00	
145	3297.85	3463.54	
150	3490.61	3665.89	
155	3583.73	3763.65	
160	3576.30	3755.85	
165	3476.73	3651.32	
170	3300.82	3466.66	
175	3069.06	3223.37	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2803.61	2944.73	
185	2525.61	2652.93	
190	2253.19	2367.01	
195	2000.32	2101.65	
200	1776.51	1866.81	
205	1587.13	1668.14	
210	1434.31	1507.85	
215	1317.90	1385.79	
220	1236.55	1300.50	
225	1188.60	1250.24	
230	1172.78	1233.65	
235	1188.60	1250.24	
240	1236.55	1300.50	
245	1317.90	1385.79	
250	1434.31	1507.86	
255	1587.13	1668.14	
260	1776.51	1866.81	
265	2000.33	2101.66	
270	2253.19	2367.02	
275	2525.61	2652.93	
280	2803.61	2944.73	
285	3069.07	3223.37	
290	3300.82	3466.66	
295	3476.73	3651.32	
300	3576.30	3755.85	
305	3583.73	3763.65	
310	3490.60	3665.89	
315	3297.85	3463.54	
320	3016.31	3168.00	
325	2665.82	2800.09	
330	2272.79	2387.59	
335	1866.86	1961.61	
340	1477.03	1552.66	
345	1128.21	1186.95	
350	838.68	883.73	
355	618.70	653.87	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission